

Guide to the Manufacturing Work Cell Design Team



Team Members

Mechanical Team

- Casey Grothoff - Mechanical Lead
- Zach Moas
- Tanush Kakade
- Viktor Idhammer
- Anya Kanodia
- Lucas Wood

Electrical Team

- Aaditya Sharma– Electrical Lead
- Andrew Viola
- Dhruba Bhattacharjee
- Reagan Gary

2024-2025 Team Accomplishments

- Created complete V1 of product by end of Spring 2025
- Competed in NRC Manufacturing Work Cell competition and won Gold Award for Post Secondary division and the Honda Innovate Award for the entire Work Cell Competition




2025-2026 Team Goals


- Make improvements to V1 system
- Add additional system features
- Create assembly and maintenance documentation for finished product
- Release open-source product end of Spring 2026 semester


Team Culture – Yippie!

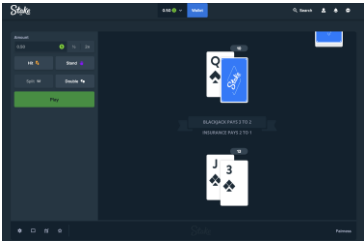


 Andrew Viola

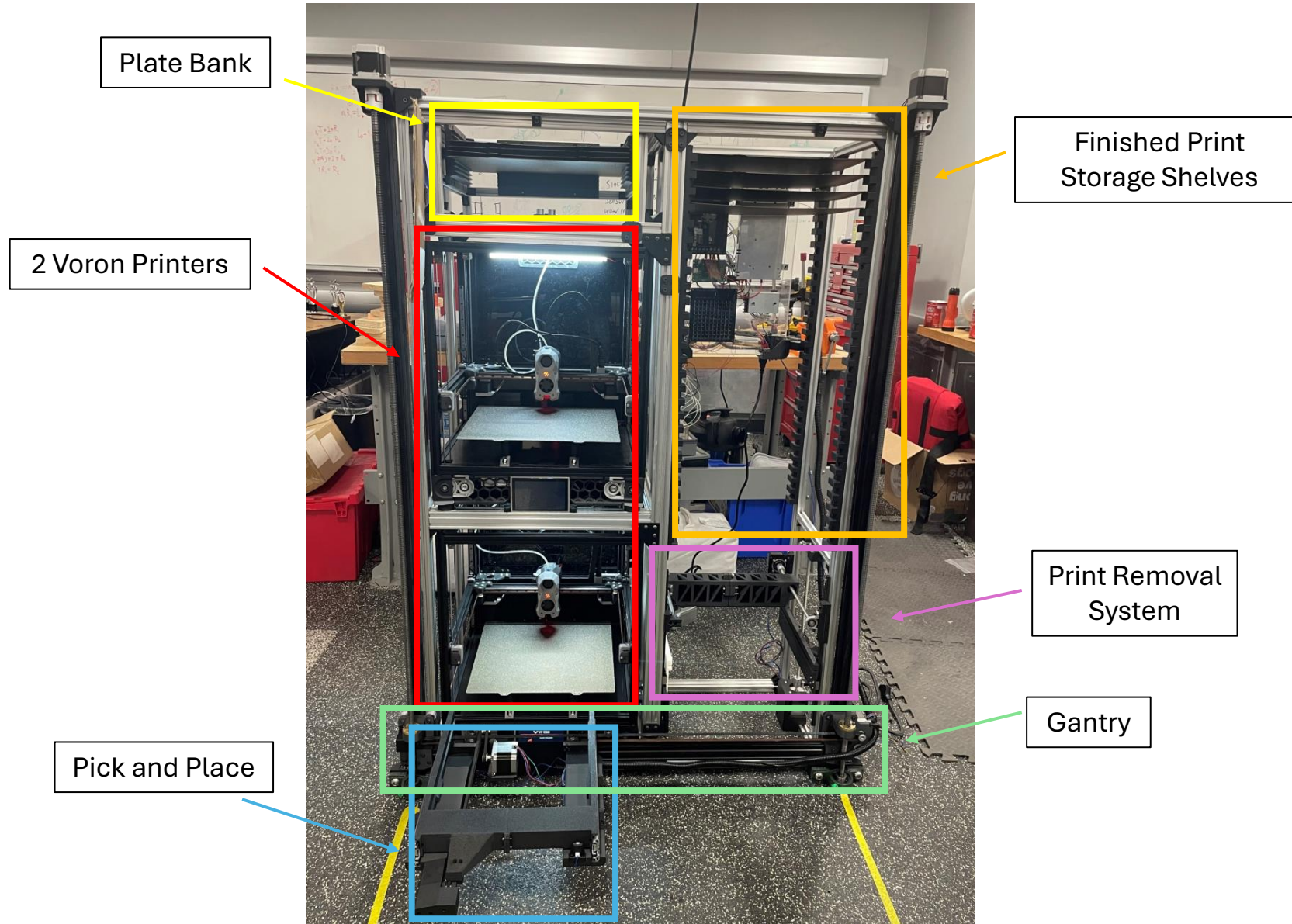
Ed Sheeran

 372 tracks this week

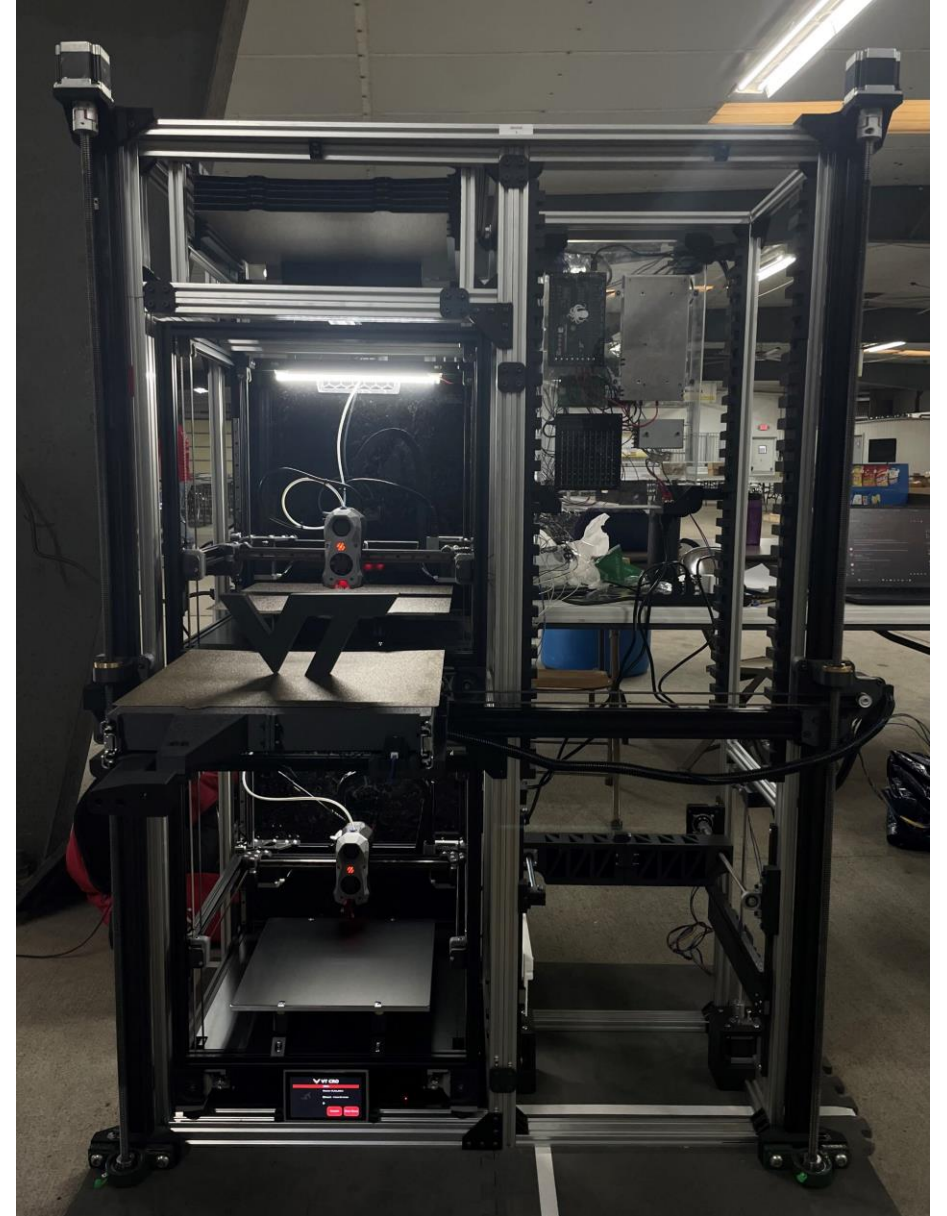
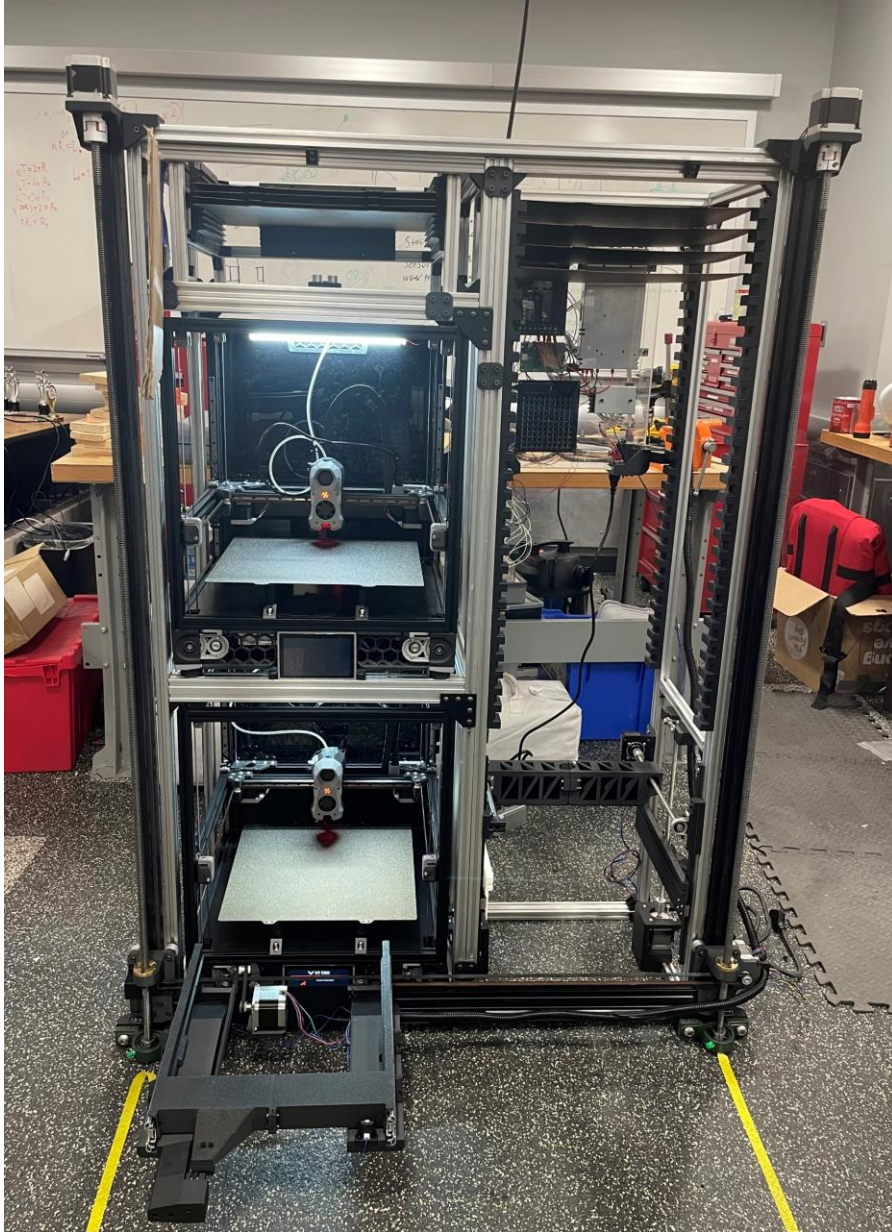




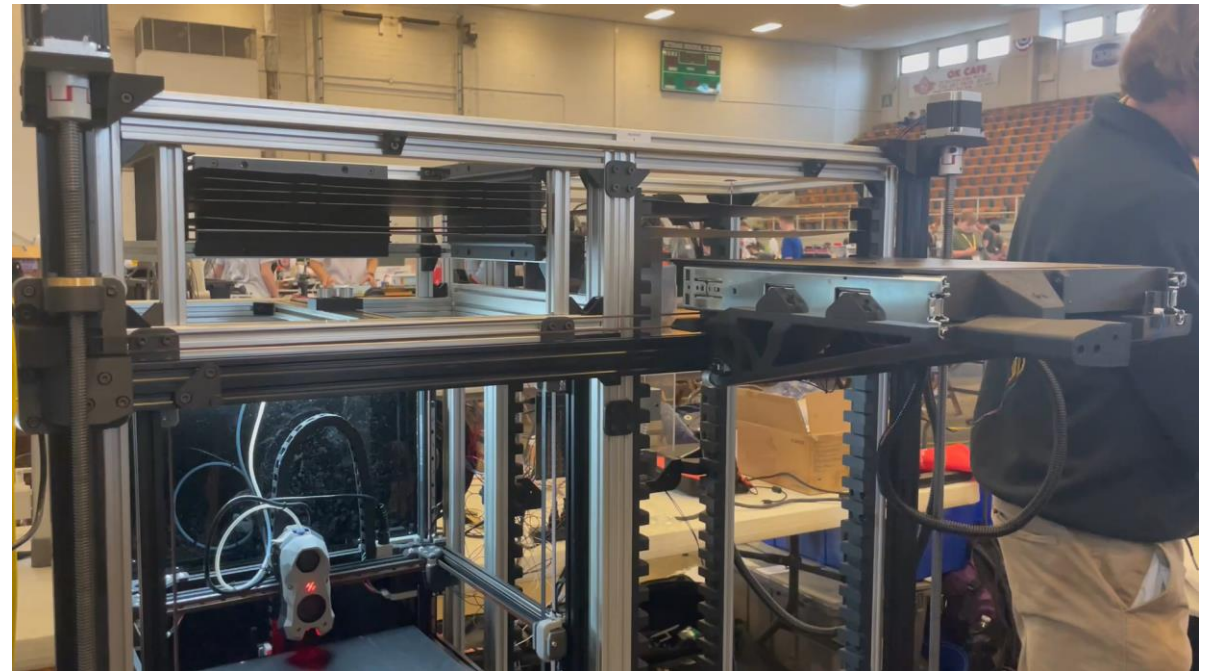
Names of the Subsystems



V1 System



V1 Gantry



V1 Pick & Place

